

August 12, 2002

Robert Smith, Chief
Water Management Bureau
Connecticut Department of Environmental Protection
79 Elm Street
Hartford, CT 01606

Dear Mr. Smith:

Thank you for the submittal of the **Total Maximum Daily Load Analysis for Limekiln Brook, Danbury, Connecticut** for copper, zinc, ammonia, and chlorine. This surface water is included on Connecticut's 1998 303(d) list and was targeted for Total Maximum Daily Load (TMDL) development by April 1st, 2000. This analysis was developed to address potential exceedances of instream water quality criteria for copper and zinc, and to establish water quality based permit limits for ammonia and chlorine in Limekiln Brook due to the Danbury Publicly Owned Treatment Works (POTW) and leachate from the former Danbury Sanitary Landfill site.

The U.S. Environmental Protection Agency, New England Region, (EPA New England) hereby approves Connecticut's final TMDLs for copper, zinc, and chlorine for Limekiln Brook, received by EPA New England on June 12, 2002. We have determined that the Limekiln Brook TMDLs for copper, zinc, and chlorine meet the requirements of §303(d) of the Clean Water Act (CWA), and EPA's implementing regulations (40 CFR Part 130). The TMDL for ammonia is based on Connecticut's newly adopted ammonia criteria, which have not yet been approved by EPA. The TMDL is approvable, but final approval must wait until EPA approves the new ammonia criteria. In all other respects, the TMDL is consistent with the requirements of §303(d) of the Clean Water Act (CWA), and EPA's implementing regulations (40 CFR Part 130). We anticipate approving the ammonia TMDL immediately following approval of the criteria.

The final submittal includes all the required elements of a TMDL: loading capacity, load allocations, waste load allocations, margin of safety, seasonal variation, and public participation process. Consistent with EPA policies, the TMDLs also include an implementation plan addressing the primary source contributing to the impairment. In addition, Connecticut DEP has provided reasonable assurances that the necessary controls will be implemented in a timely manner.

If you have any questions or comments regarding the attached approval documentation, please contact Steven Winnett of my staff at (617) 918-1687. Thank you very much.

Sincerely,

Linda M. Murphy, Director
Office of Ecosystem Protection

Enclosure

cc: Tom Morrissey, CT DEP
Fred Banach, CT DEP
Lee Dunbar, CT DEP
Chris Bellucci, CT DEP
bcc: Mel Cote, EPA

Steven Winnett, EPA
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